

Fig.1

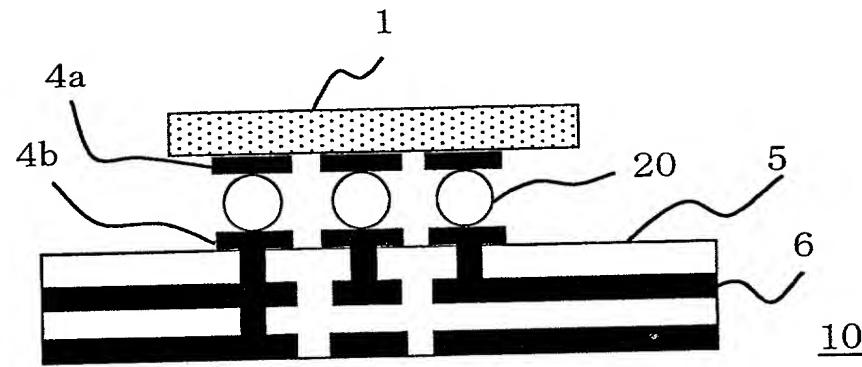


Fig.2

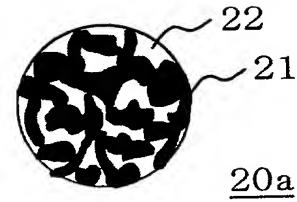


Fig.3A

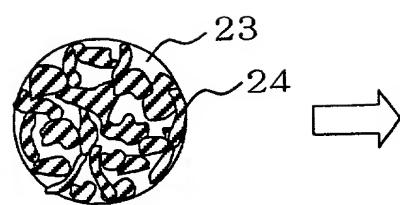


Fig.3B

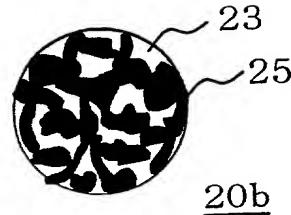


Fig. 4A

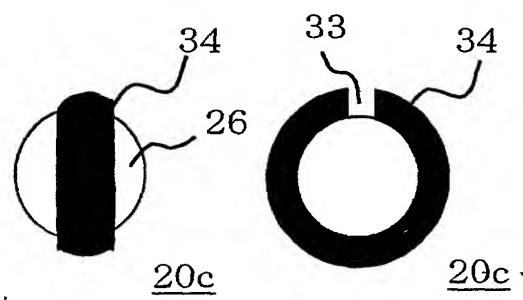


Fig. 4B

Fig. 5

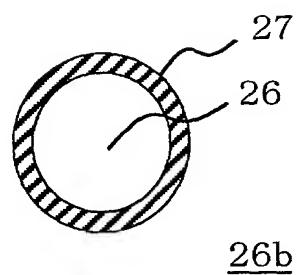


Fig. 6A

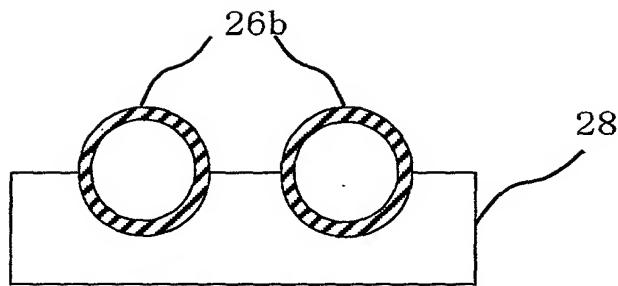


Fig. 6B

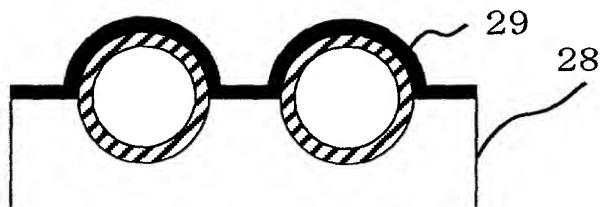
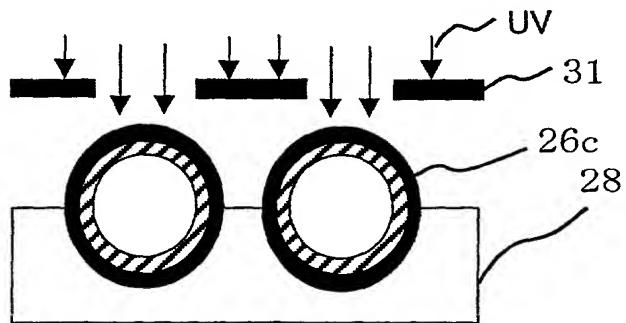


Fig. 6C



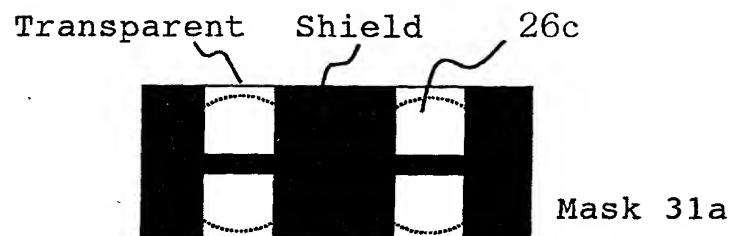


Fig.7A

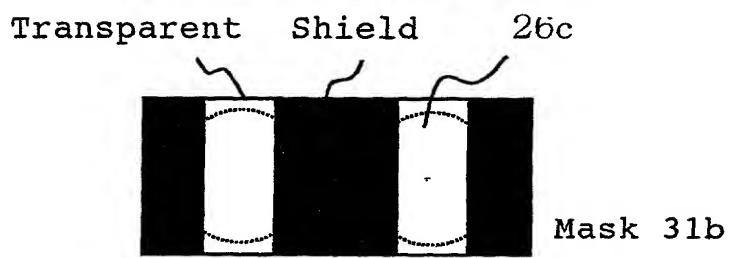


Fig.7B

Fig.8A

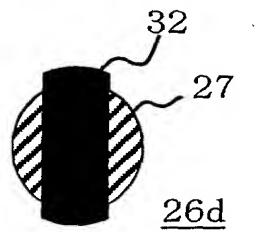


Fig.8B

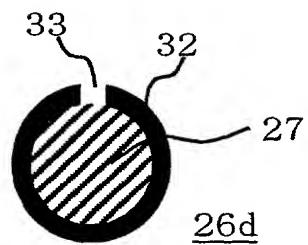


Fig.9

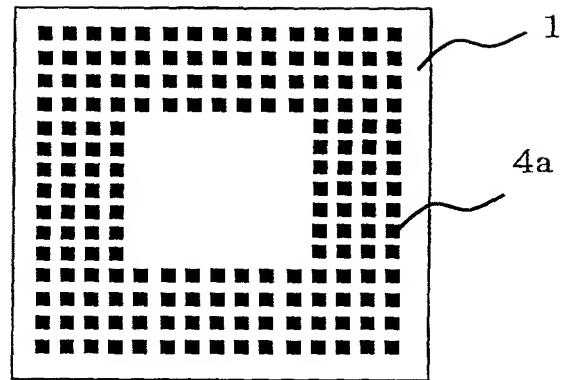


Fig.10

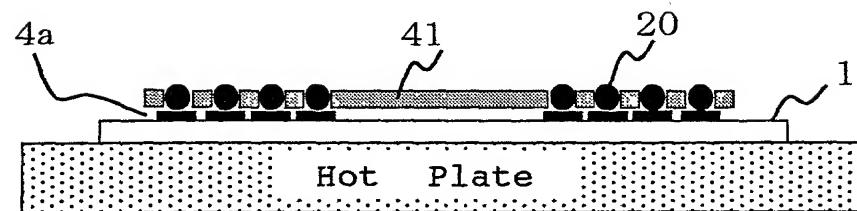


Fig.11

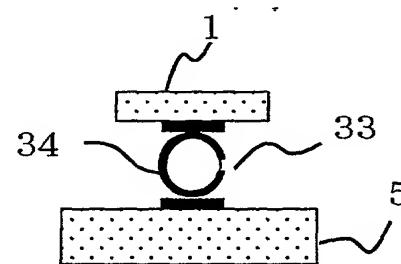


Fig.12

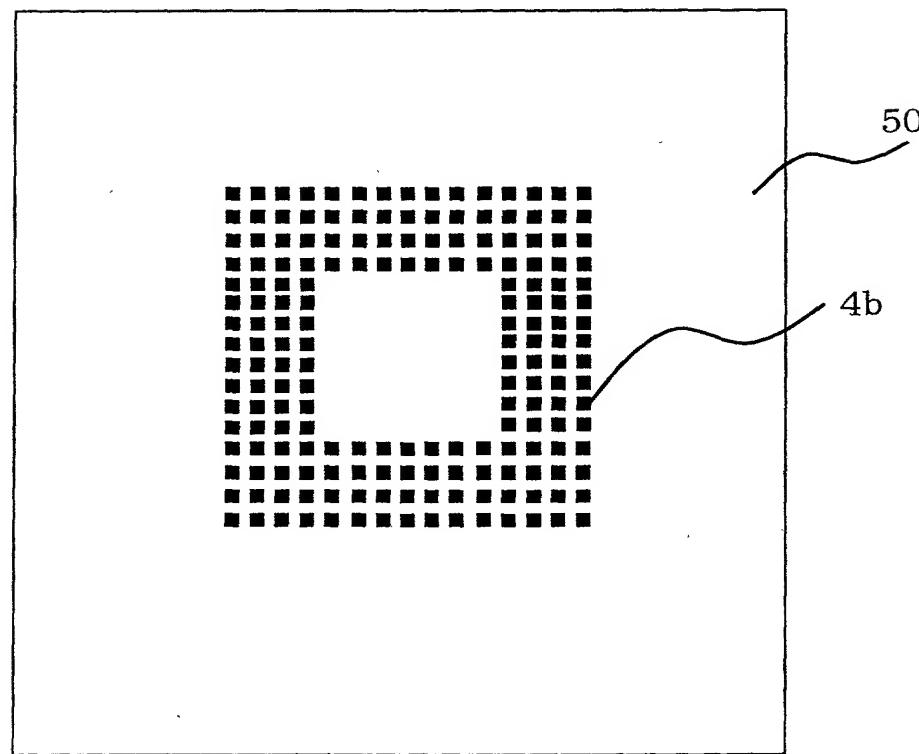


Fig.13

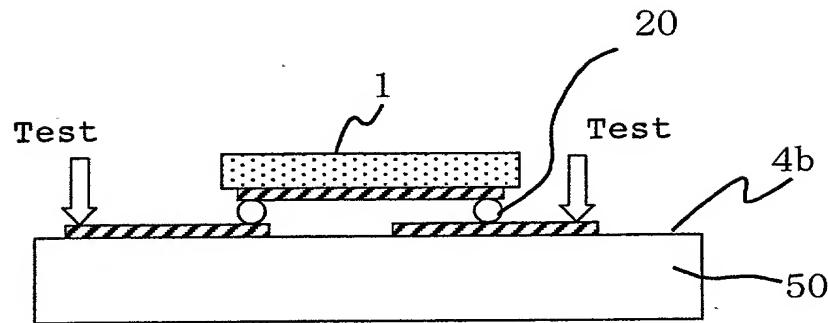


Fig.14

Number of Cycles →	100	200	400	600	800	1,000
Connecting Member 20a	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20b	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20c	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20d	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20e	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20f	0/88	0/88	0/88	0/88	0/88	0/88
Sparkle Ball S-type	0/88	0/88	0/88	0/88	8/88	15/88
Sparkle Ball C-type	0/88	0/88	2/88	8/88	10/88	12/88
Copper Ball	0/88	0/88	1/88	5/88	12/88	13/88

Fig.15 Prior Art

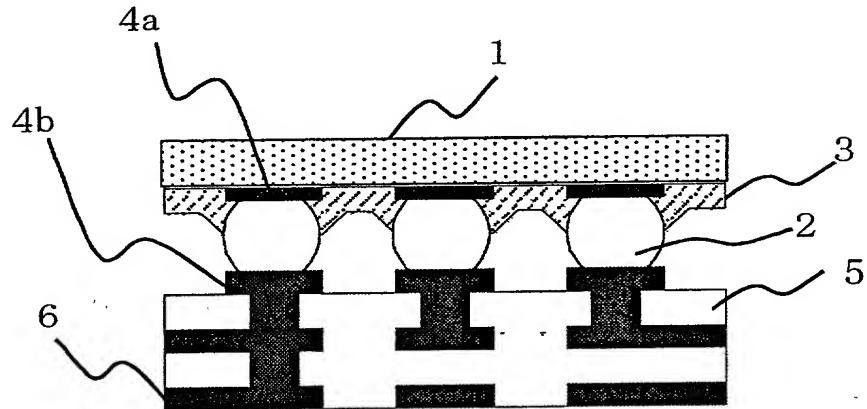


Fig.16 Prior Art

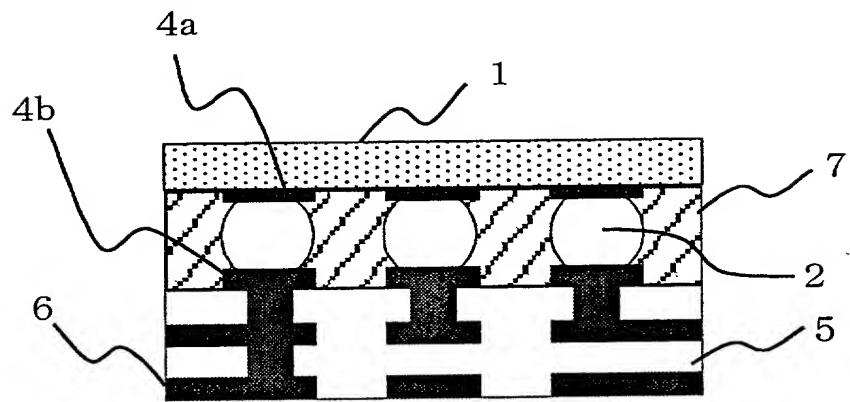


Fig.17 Prior Art

